



## Main

|                                       |   |
|---------------------------------------|---|
| Range                                 | Canalis   |
| Product name                          | KR  |
| Product or component type             | Straight feeder trunking  |
| Device short name                     | KRA   |
| Product specific application          | Real estate and office buildings<br>Healthcare<br>Oil and gas<br>Water and waste water<br>Enterprise data centres<br>Mining minerals and metals |
| Device application                    | Feeder length   |
| Supply                                | Switchboard<br>Oil-immersed transformer   |
| Material                              | Aluminium   |
| [Ie] rated operational current        | 1600 A at 35 °C   |
| Busbar/connection pads direction type | Edgewise to straight  |
| Short-circuit level                   | Standard version  |

## Complementary

|  |  |
|--|--|
| Housing material                         | Mineral epoxy resin  |
| Contacts material                        | Tinned aluminium   |
| [Ue] rated operational voltage           | 1000 V   |
| Network frequency                        | 50/60 Hz   |
| [Ui] rated insulation voltage            | 1000 V   |
| [Icw] rated short-time withstand current | 53 kA  |
| [Ipk] rated peak withstand current       | 117 kA   |
| Radiated magnetic field                  | 17.3 mT  |
| Thermal stress limit                     | 2809000 kA².s  |
| Maximum voltage drop                     | <0.0062 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.0091 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.0098 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.0101 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Mounting location                        | Indoor<br>Outdoor  |
| Busbar incoming                          | Vertical   |
| Polarity                                 | 3L   |
| Product certifications                   | ATEX[RETURN]CE[RETURN]EAC  |
| Standards                                | IEC 61439-6  |
| Dimension type                           | Fix  |
| Connection pitch                         | 115 mm   |
| Colour                                   | Grey (RAL 7030)  |
| Linear load                              | 43 kg/m  |

## Environment

|                              |   |
|------------------------------|---|
| IP degree of protection      | IP68 conforming to IEC 60529  |
| IK degree of protection      | IK10 conforming to IEC 62262  |
| Pollution degree             | 3   |
| Fire resistance              | 760 °C 180 min conforming to IEC 60331-1  |
| Derating factor              | 0...35 °C (100 % of In)<br>35...40 °C (96 % of In)<br>40...45 °C (89 % of In)<br>45...50 °C (84 % of In)<br>50...55 °C (78 % of In)   |
| Operating altitude           | 1000 m 100 % of In (indoor)<br>2000 m 99 % of In (indoor)<br>3000 m 96 % of In (indoor)<br>4000 m 90 % of In (indoor)<br>1000 m 98 % of In (outdoor)<br>2000 m 94 % of In (outdoor)<br>3000 m 89 % of In (outdoor)<br>4000 m 83 % of In (outdoor) |
| Environmental characteristic | EMC directive conforming to IEC 61439-6   |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 19.0 cm  |
| Package 1 Width              | 50.0 cm  |
| Package 1 Length             | 50.0 cm  |
| Package 1 Weight             | 45.15 kg |

## Offer Sustainability

|                             |   |
|-----------------------------|---|
| Sustainable offer status    | Green Premium product   |
| REACH Regulation            | <a href="#"> REACH Declaration</a>             |
| REACH free of SVHC          | Yes   |
| EU RoHS Directive           | Compliant <a href="#"> EU RoHS Declaration</a> |
| Toxic heavy metal free      | Yes   |
| Mercury free                | Yes   |
| China RoHS Regulation       | <a href="#"> China RoHS Declaration</a>        |
| RoHS exemption information  | <a href="#"> Yes</a>                           |
| Environmental Disclosure    | <a href="#"> Product Environmental Profile</a> |
| Circularity Profile         | <a href="#"> End Of Life Information</a>       |
| WEEE                        | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins       |
| Halogen content performance | Halogen free product  |